**K-5 Math Lesson Plan**

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| **Teacher: Mitchell, Sanderford, Kellye** | | | **Grade: 5th** | | | **Date(s)**: This lesson will cover 1-4 days to complete Task 4. |
| **Unit Title:**  1 –Understanding The Decimal Place Value System. | | | | **Corresponding Unit Task:**  Task 4 | | |
| **Essential Question(s):** | | | | | | |
| **Materials/Resources** | | | | **Essential Vocabulary** | | |
| **Teacher:**    Teacher may want to create an example of a presentation (poster, power point, chart, note-taking)  Organize teacher selected student groups for each sporting event.  Results & data collection of Olympic results | | **Student:**  Computer access  Magazines or newspapers with Olympic data & information. | | | **Thousands, hundreds tens, ones, tenths, hundredths, thousandths, base ten form, number names form, expanded form**  **Audition, rubric** | |
| **Learning Experience** | | | | | | |
| **8 Mathematical Practices:**  1. Make sense of problems and persevere in solving them.  2. Reason abstractly and quantitatively.  3. Construct viable arguments and critique the reasoning of others.  4. Model with mathematics.  5. Use appropriate tools strategically.  6. Attend to precision.  7. Look for and make use of structure.  8. Look for and express regularity in repeated reasoning. | **Common Core State Standards:**  **5. NBT.3b, 5. NBT.3a, 5. NBT.4** | | | | | |
| **I Can Statement(s):**  **I can compare two decimals, using >, =, and < symbols to record the results of comparisons.**  **I can read and write decimal numbers to the thousandths place using base-ten, number name, expanded form.**  **I can use my understanding place value to round decimals to any place.** | | | | | |
| **Activating Strategy/Hook:** (How will students become cognitively engaged and focused?)  Teacher performs a character role-play ( use props i.e. microphone, a tie, etc.), acting as a news broadcaster. As a reporter she will describe the “newsworthy” auditions for our future reporters. ( make sure you include numbers and facts in the format that students will have to include in their presentations) | | | | | |
| **Teacher/ Guided/Independent Directed:**  Today you will be creating auditions (try-outs) to become a Fox 8 Summer Olympic sports reporter.  You will be graded on your presentation, attractiveness, content, Originality, Numeracy, and accuracy of Facts. (Display & explain the scoring of the rubric)  Using the 2012 Summer Olympic Research and Data information you should create an audition using pictures, charts/diagrams, or power points. You should have examples of comparing decimals, reading and writing numbers to the thousandths and rounding decimals to any place. Your presentations should be 4 minutes long**.**  **Day 1: Assign students to their sporting event.** .Provide students with data from the 2012 Summer Olympics. Model how to look and analyze data that is important and relevant to your event. Model comparing decimals, reading and writing numbers to the thousandths and rounding decimals to any place. Include examples of displaying numbers in different forms of the number.  Students will begin to organize their information. (Post the steps in the process)  **Day 2:** Students work independently with teacher support**.**  **Day 3:** Finalize your product. May begin with student presentations.  **Day 4. Audition tryouts.** Continuation of student presentations**.** Whole class (invite other staff who may be available to serve as anaudience (principal, secretary, custodian, media specialists) Have video camera set up. | | | | | |
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| **Closing/Summarizing Strategy: Students will use the rubric to evaluate their own performance.** | | | | | |
| **Differentiation Strategies** | | | | | | |
| **Extension** | | | **Intervention** | | | **Language Development** |
| * Show video clip of the Olympic event. * Create questions to ask the interviewer. * Create a PowerPoint to support your audition. * Students research the current record for an Olympic sport of their choice. The student researches when the record was set and who set the record. Then the student will research the current best times for athletes participating in the same sport during the 2012 Summer Olympics. The student will predict and give supporting evidence why they think the record will or will not be broken. | | | * Shorten time of the audition to 3 minutes. * The student is allowed to use cue cards. * Use numbers to the tenths or hundredths.   Use technology to assist with presentation. | | | •Shorten time of the audition to 3 minutes.  •The student is allowed to use cue cards.  •Use technology to assist with presentation. |
| **Assessment(s):** | | | | | | |
| **Teacher Reflection:** (Next steps?)  • What went well?  • Student understandings/misconceptions  • Specific notes about students’ thinking  • What do I need to reteach/review tomorrow or in the future?  • New ideas or changes for next time | | | | | | |